TC-K370/RX370

SERVICE MANUAL

AEP Model
UK Model
Australian Model
TC-K370

US Model
Canadian Model
AEP Model
TC-RX370

Photo: TC-K370

* Dolby noise reduction and HX Pro headroom extension manufactured under license from Dolby Laboratories Licensing Corporation. HX Pro originated by Bang & Olufsen.

"DOLBY", the double-D symbol ⧈ and "HX PRO" are trademarks of Dolby Laboratories Licensing Corporation.

Model Name Using Similar Mechanism		TC-W370/W411 /WR511/WR570
Tape Transport Mechanism Type	TC-K370	TCM-190VB12C
	TC-RX370	TCM-190RB12C

SPECIFICATIONS

Recording system — 4-track 2-channel stereo
Fast-winding time — Approx. 90 sec. (with Sony C-60 cassette)
Bias — AC bias
Motors — Capstan motor × 1 (DC motor)
Reel motor × 1 (DC motor)

Signal-to-noise ratio (at peak level)

Dolby NR switch / Cassette	OFF	B-Type ON	C-Type ON
Type IV (Sony METAL-SLT)	58 dB	66 dB	73 dB
Type II (Sony UX-S)	57 dB	65 dB	72 dB
Type I (Sony HF-S)	55 dB	63 dB	70 dB

Total harmonic distortion
1% (with Sony METAL-SLT cassette)

Frequency response (DOLBY NR OFF)

Type IV cassette (Sony METAL-SLT)	30 - 15,000 Hz (±3 dB, IEC) 30 - 13,000 Hz [±3 dB, 0VU (-4 dB) recording]
Type II cassette (Sony UX-S)	30 - 15,000 Hz (±3 dB, IEC)
Type I cassette (Sony HF-S)	30 - 14,000 Hz (±3 dB, IEC)

Wow and flutter — ±0.13% W. Peak (IEC)
0.07% WRMS (NAB)
±0.18% W. Peak (DIN)

Inputs

Line inputs (phono jacks)	Sensitivity	77.5 mV
	Input impedance	47 k ohms

Outputs

Line outputs (phono jacks)	Rated output level	0.32 V at a load impedance of 47 k ohms
	Load impedance	Over 10 k ohms
Headphones (stereo phone jack)	Output level	0.3 mW at a load impedance of 32 ohms

General

Power requirements — US, Canadian model: 120V AC, 60Hz
AEP, Germany, Australian model: 220-230V AC, (or 240V AC adjustable by Sony personnel) 50/60Hz
UK model: 240V AC, (or 220V AC adjustable by Sony personnel) 50/60Hz
Power consumption — 20 W
Dimensions — Approx. 430 × 123 × 287 mm (w/h/d) (17 × 4⅞ × 11⅜ inches) including projecting parts and controls
Weight — Approx. 3.9 kg (8 lbs 10 oz)

Supplied accessory — Audio connecting cords (2)

Design and specifications subject to change without notice.

STEREO CASSETTE DECK

SONY®

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

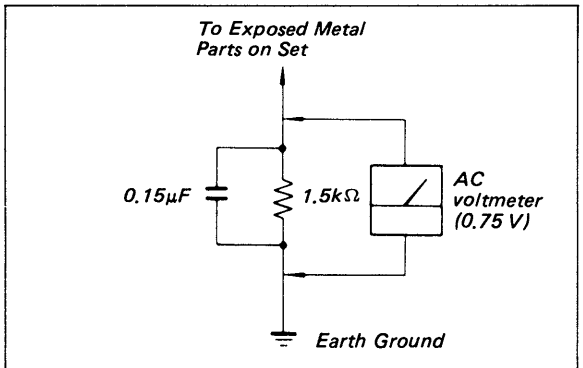


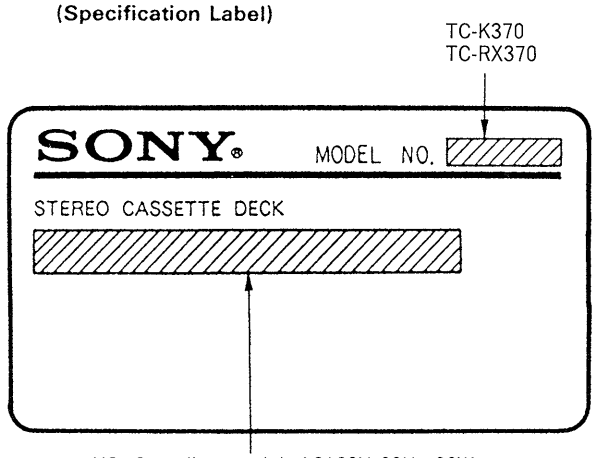
Fig. A. Using an AC voltmeter to check AC leakage.

TABLE OF CONTENTS

Section	Title	Page
SECTION 1.	GENERAL	3
SECTION 2.	DISASSEMBLY	4
SECTION 3.	ADJUSTMENTS	6
SECTION 4.	DIAGRAMS	
4-1.	Circuit Boards Location	11
4-2.	Semiconductor Lead Layouts	11
4-3.	Printed Wiring Boards	12
4-4.	Schematic Diagram	16
SECTION 5.	EXPLODED VIEWS	
5-1.	Chassis Section	19
5-2.	Front Panel Section	20
5-3.	Mechanism Section-1	21
5-4.	Mechanism Section-2	22
SECTION 6.	ELECTRICAL PARTS LIST	23

MODEL IDENTIFICATION

(Specification Label)



US, Canadian model: AC120V 60Hz 20W
UK, Australian model: AC240V~50/60Hz
Germany, AEP model: AC220-230V~50/60Hz

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

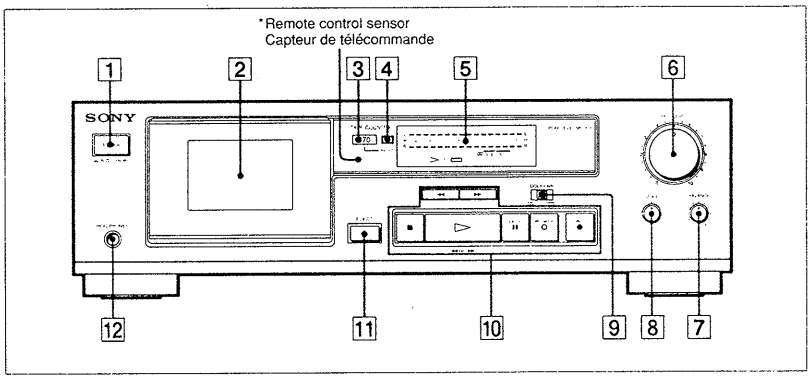
LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SECTION 1
GENERAL

This section is extracted from instruction manual.

Identification of Front Panel Parts

TC-K370



For details, refer to the page number indicated in ●

1 **POWER switch**

2 **Cassette holder**

3 **TAPE COUNTER**

4 **RESET button**

5 **PEAK LEVEL METER** ㉑

6 **REC (recording) LEVEL control** ㉒ ㉑

7 **BALANCE control** ㉒

8 **BIAS control** ㉓

9 **DOLBY NR (noise reduction switch)** ⑯ ㉒

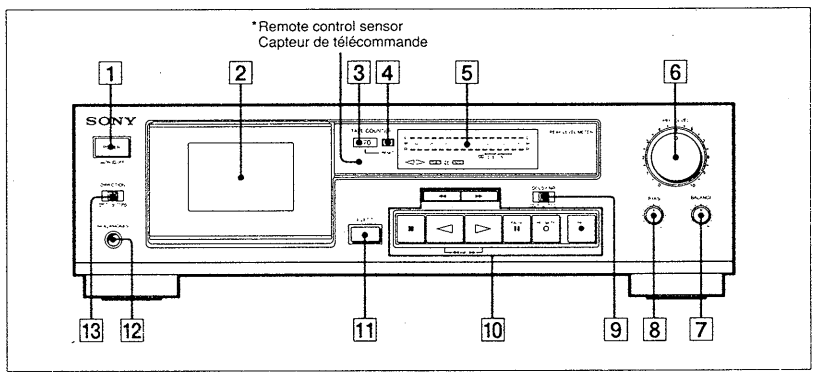
10 **Tape operation buttons**
◄◄ (leftward fast winding) button
■ (stop) button
► (play) button
►► (rightward fast winding) button
❚❚ PAUSE button
O REC MUTE (record muting) button ⑳
● REC (recording) button

11 **≙ EJECT button**

12 **HEADPHONES jack (stereo phone jack)** ⑮

***Remote control sensor**
You can remotely control this cassette deck with:
— A remote commander that came with a Sony amplifier or receiver if it has the R mark and cassette deck control capability.
— An optional Sony remote commander with the R mark and cassette deck control capability.

TC-RX370



For details, refer to the page number indicated in ●

1 **POWER switch**

2 **Cassette holder**

3 **TAPE COUNTER**

4 **RESET button**

5 **PEAK LEVEL METER** ㉓

6 **REC (recording) LEVEL control** ㉑ ㉓

7 **BALANCE control** ㉑

8 **BIAS control** ㉑

9 **DOLBY NR (noise reduction) switch** ⑯ ㉑

10 **Tape operation buttons**
◄◄ (leftward fast winding) button
■ (stop) button
◄ (reverse play) button
► (play) button
►► (rightward fast winding) button
❚❚ PAUSE button
O REC MUTE (record muting) button ㉒
● REC (recording) button

11 **≙ EJECT button**

12 **HEADPHONES jack (stereo phone jack)**

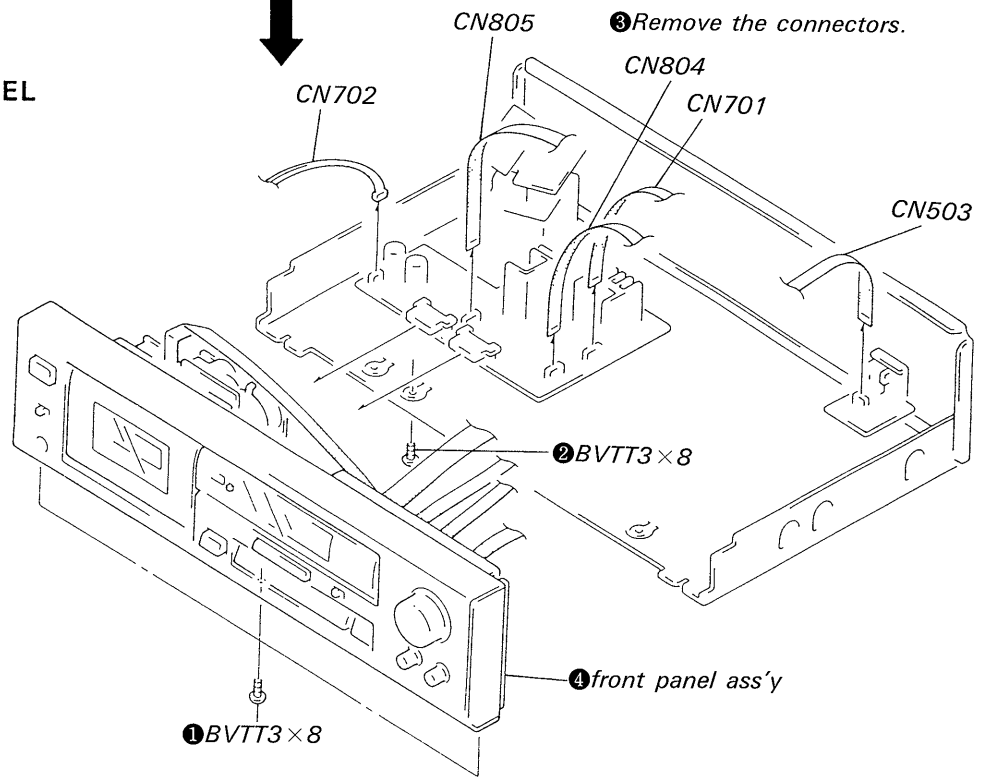
13 **DIRECTION mode switch** ⑯ ㉑

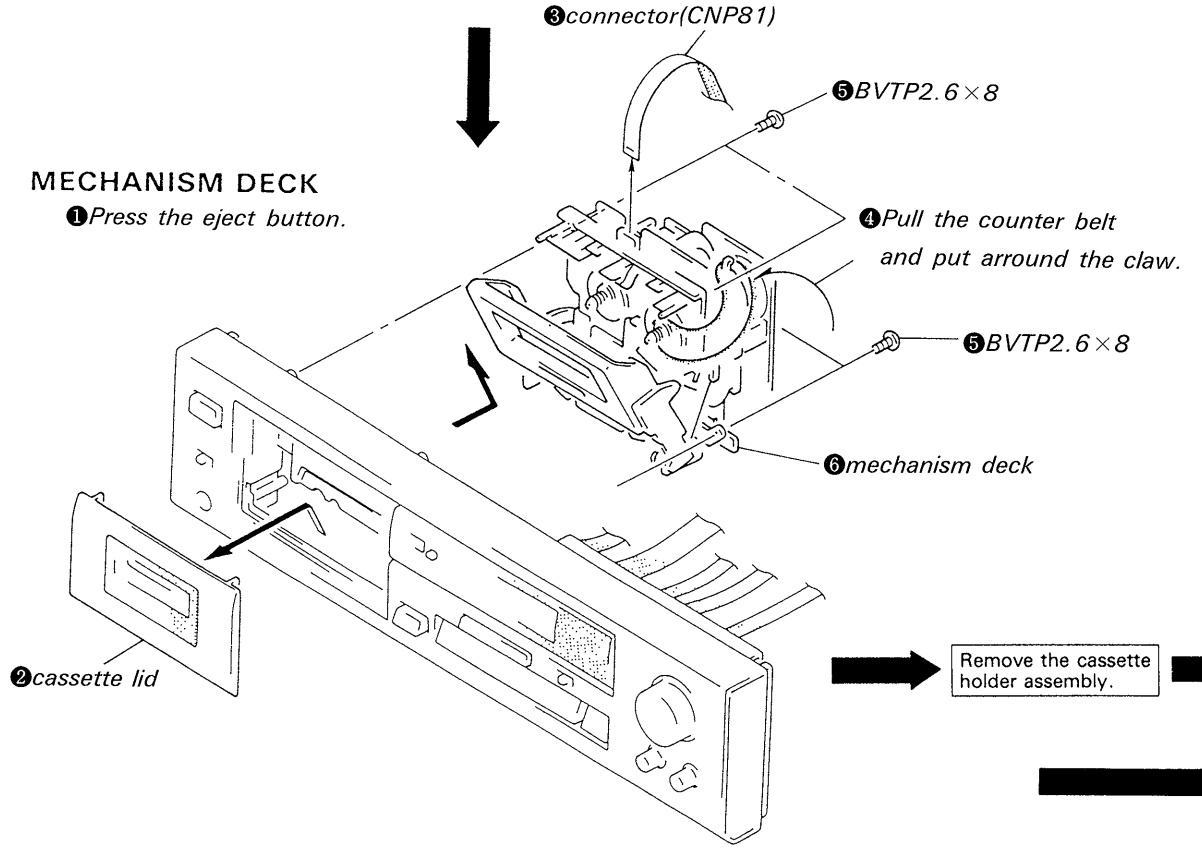
***Remote control sensor**
You can remotely control this cassette deck with:
— A remote commander that came with a Sony amplifier or receiver if it has the R mark and cassette deck control capability.
— An optional Sony remote commander with the R mark and cassette deck control capability.

SECTION 2
DISASSEMBLY

Note : Follow the disassembly procedure in the numerical order given.

CASE
Unscrew the four case attachment screws M3×8 and remove the case.

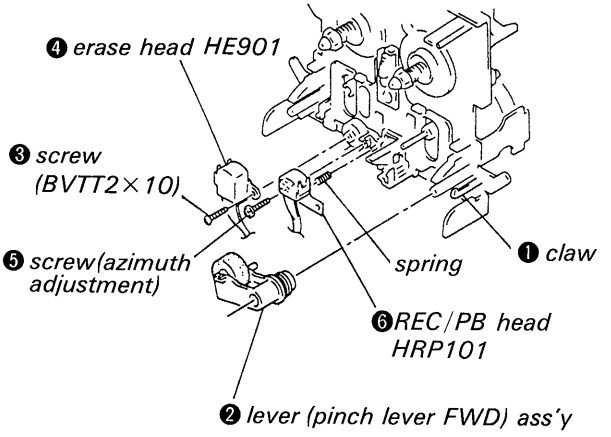




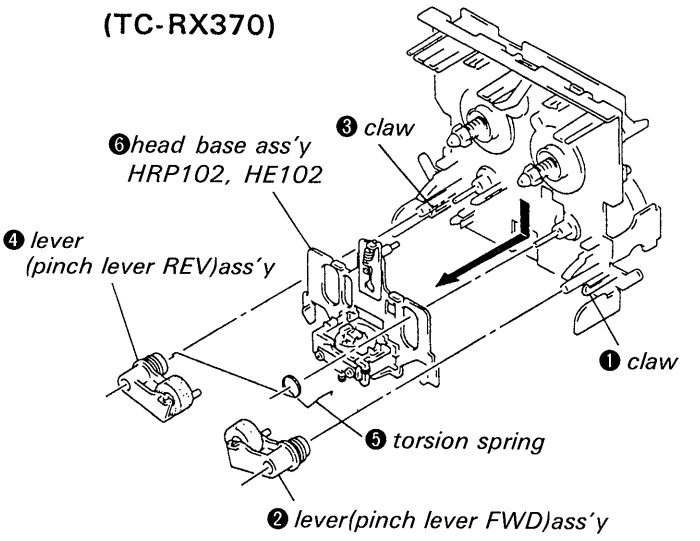
Remove the cassette holder assembly.

HEAD

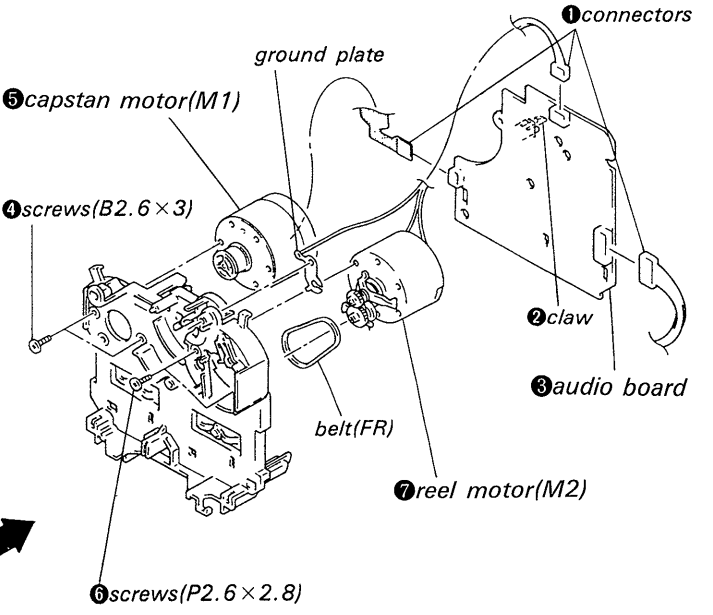
(TC-K370)



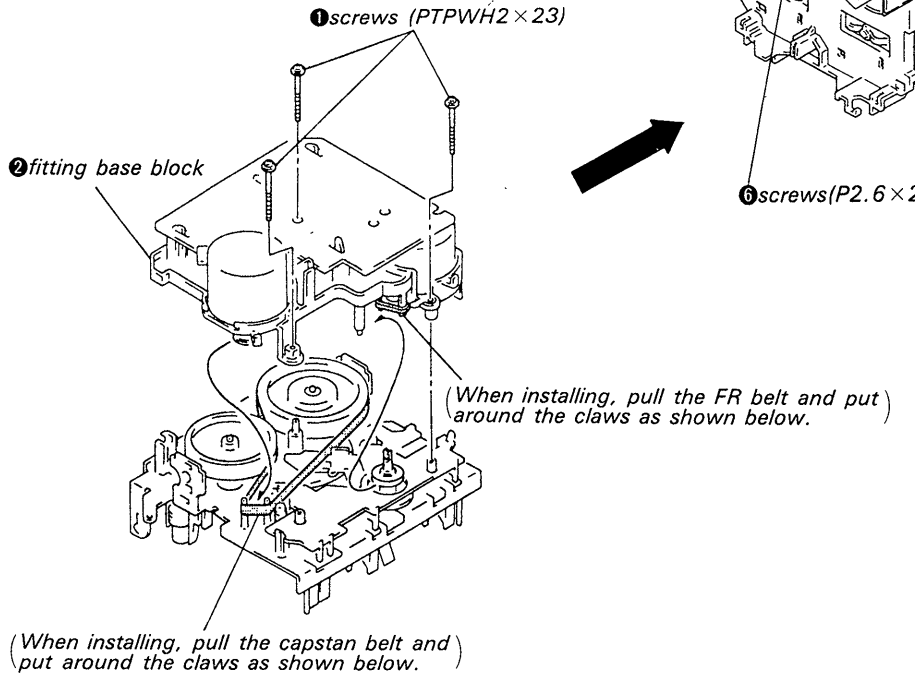
(TC-RX370)



MOTOR



FITTING BASE BLOCK


❶screws (PTPWH2×23)
❷fitting base block
(When installing, pull the FR belt and put around the claws as shown below.)
(When installing, pull the capstan belt and put around the claws as shown below.)

SECTION 3
ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab:
   record/playback/erase head(TC-RX370) pinch roller
   record/playback(TC-K370) erase head(TC-K370) rubber belts
   capstan idlers
2. Demagnetize the record/playback head with a head demagnetizer.
   (Head demagnetizer do not approach for the erase head.)
3. Do not use a magnetized screwdriver for the adjustment.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be perfomed with the rated power supply voltage unless otherwise noted.

Torque Measurement

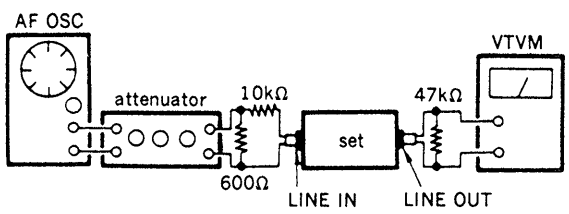
Torque	Torque meter	Meter reading
Forward	CQ-102C	30 to 65g・cm (0.42 to 0.9 oz・inch)
Forward back tension	CQ-102C	DECK A : 1 to 6g・cm (0.014 to 0.08 oz・inch) DECK B : 2 to 9g・cm (0.03 to 0.12 oz・inch)
Reverse (TC-RX370)	CQ-102RC	30 to 65g・cm (0.42 to 0.9 oz・inch)
Reverse back tension (TC-RX370)	CQ-102RC	1 to 6g・cm (0.014 to 0.08 oz・inch)
FF, REW	CQ-201B	70 to 120g・cm (0.98 to 1.67 oz・inch)

3-2. ELECTRICAL ADJUSTMENTS

PRECAUTION

1. The adjustment should be performed in the publication. (Be sure to make playback adjustment at first.)
2. The adjustment and measurement should be performed for both L-CH and R-CH.
   - Switch position
     DOLBY NR switch : OFF
     DIR MODE switch : ⇄
   - Standard record position
     Deliver the standard input signal level to input jack and set the REC LEVEL control to obtain the standard output signal level as follows.

—Record Mode—



Standard Input Level

Input terminal	LINE IN
source impedance	10kΩ
input signal level	0.25V (−10dB)

Standard Output Level

Output terminal	LINE OUT
load impedance	47kΩ
output signal level	0.44V (−5dB)

Test Tape

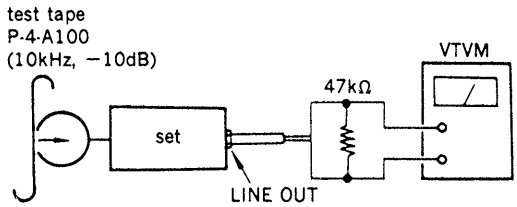
Tape	Contents	Use
P-4-A100	10kHz, −10dB	Azimuth Adjustment
P-4-L300	315Hz, 0dB	PB Level Adjustment
WS-48B	3kHz, 0dB	Tape Speed Adjustment

0dB=0.775V

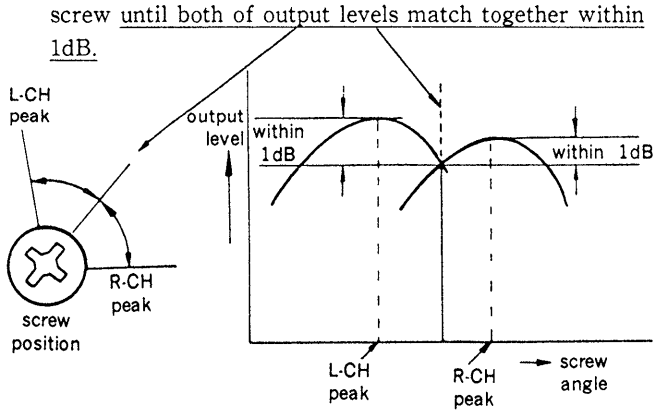
Record/Playback Head(TC-K370) Azimuth Adjustment
Record/Playback/Erase Head(TC-RX370)

Procedure:

1. Forward Playback Mode

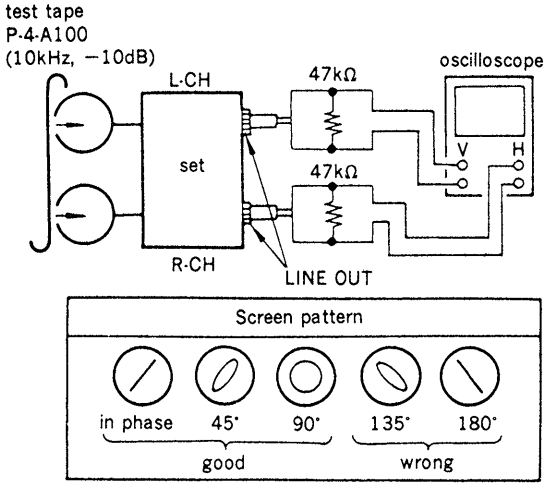


2. Turn the adjustment screw for the maximum output levels. If these levels do notmatch, turn the adjustment screw until both of output levels match together within 1dB.



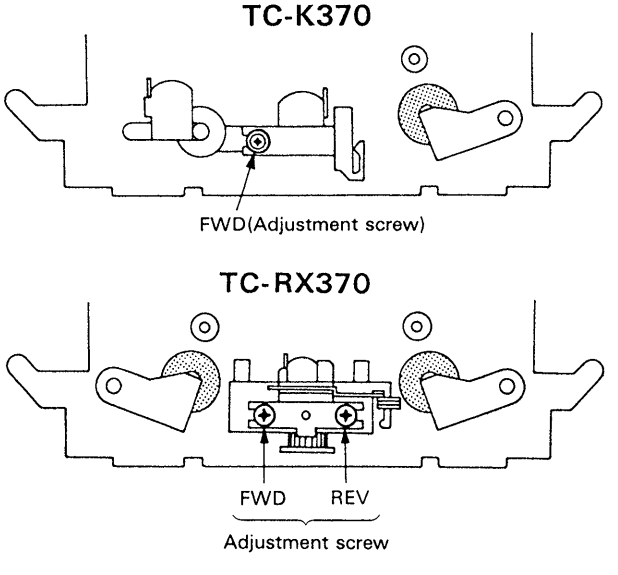
3. Phase check

Playback Mode



4. Change the reverse playback mode and repeat the steps 1 to 3. (TC-RX370)
5. After the adjustment, lock the adjustment screw with suitable locking compound.

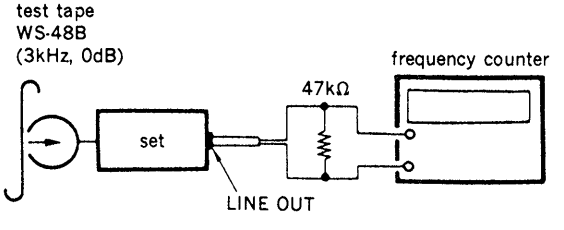
Adjustment Location : — record/playback/erase head —



Tape Speed Adjustment

Procedure :

—Forward Playback Mode—



Perform high speed adjustment before normal speed adjustment.

(high speed adjustment)

1. Set to FWD playback mode.
2. Keep on pressing the HIGH SPEED DUBBING switch.
3. Adjust RV72 so that the frequency counter reading becomes 6,000±30Hz.

(normal speed adjustment)

1. Set to FWD playback mode.
2. Adjust RV71 so that the frequency counter reading becomes 3,000±10Hz.

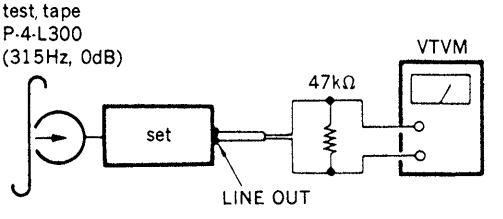
Frequency difference between the beginning and the end of the tape should be within 3%.

Adjustment Location : AUDIO board

Playback Level Adjustment

Procedure :

—Forward Playback Mode—



Adjust RV11 (L-CH) and RV21 (R-CH) so the VTVM reading becomes the adjustment limits below.

Adjustment Value :

LINE OUT level : −5±0.5dB (0.412 to 0.461V)

Level Difference between Channels : within 0.5dB

Confirm the LINE OUT level does not change in playback mode while changing the mode from playback to stop several times.

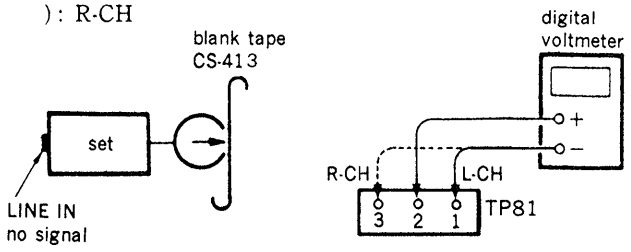
Adjustment Location : AUDIO board

Bias Consumption Current Adjustment

This adjustment should be perfomed when replacing the head assy or the bias oscillating transformer (T81, T91).

Procedure :

( ) : R-CH



1. Connect the digital voltmeter to test point TP81.
2. Set RV81 (RV91) to mechanical center.
3. Set to FWD record mode.
4. Adjust T81 (T91) so that the digital voltmeter reading becomes minimum.

Adjustment Location : AUDIO board

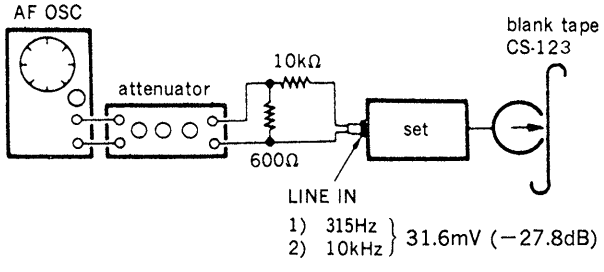
Record Bias Adjustment

Setting :

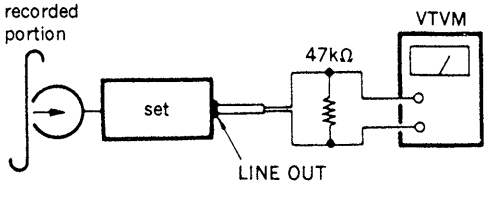
REC LEVEL control : standard record position (Refer to page 6.)

Procedure :

1. Record Mode



2. Playback Mode



Playbck the signal recorded in step 1.
Confirm that the 10kHz playback output is 0±0.5dB relative to the 315Hz output. If necessary, adjust RV81 (L-CH), RV91 (R-CH) and repeat the steps given above.

Adjustment Location : AUDIO board

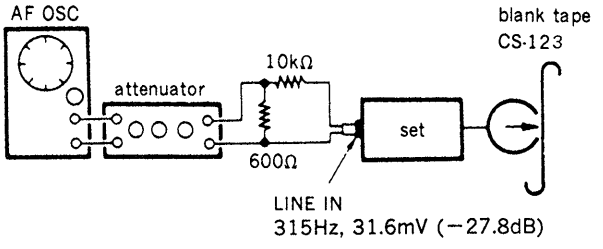
Record Level Adjustment

Setting :

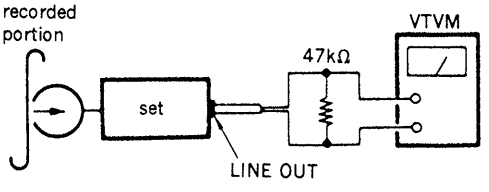
REC LEVEL control : standard record position (Refer to page 6.)

Procedure :

1. Record Mode



2. Playback Mode



Confirm playback the tape recorded become adjustment level as follows.
If necessary, adjust RV101 (L-CH), RV201 (R-CH) and repeat steps 1 and 2.

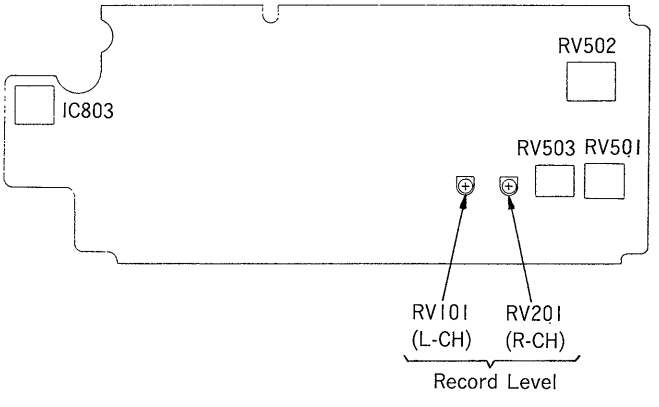
Adjustment Value :

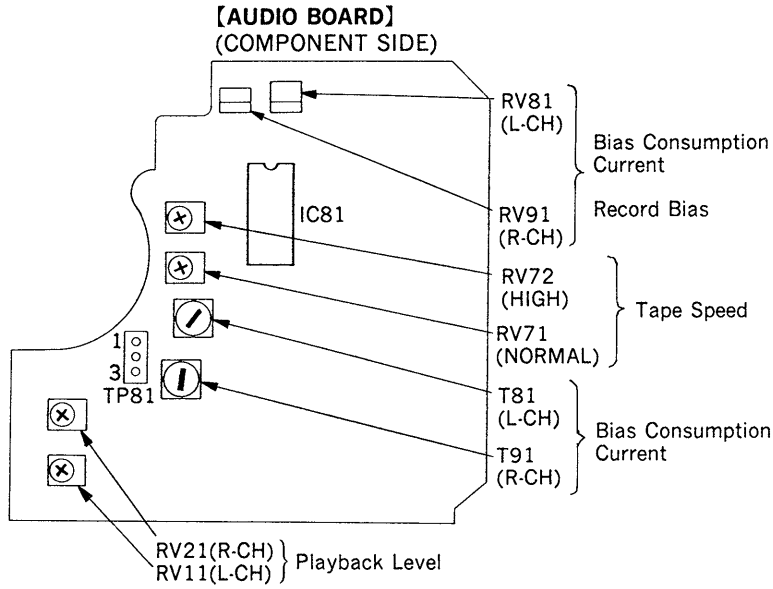
LINE OUT level : −27.8±0.5dB (29 to 33.4mV)

Adjustment Location : PANEL Board

—Adjustment Parts Location Diagrams—

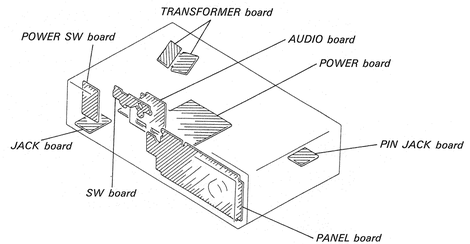
[PANEL BOARD] (COMPONENT SIDE)




【AUDIO BOARD】
(COMPONENT SIDE)
RV81
(L-CH)
Bias Consumption
Current
RV91
(R-CH)
Record Bias
IC81
RV72
(HIGH)
RV71
(NORMAL)
Tape Speed
1
3
TP81
T81
(L-CH)
T91
(R-CH)
Bias Consumption
Current
RV21(R-CH)
RV11(L-CH)
Playback Level

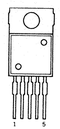
SECTION 4
DIAGRAMS

4-1. CIRCUIT BOARDS LOCATION

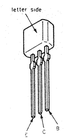


4-2. SEMICONDUCTOR LEAD LAYOUTS

LA-6500-FA



2SA1175-HFE



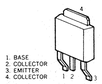
2SB1013-4

1SS120
HZS6A1L
HZS7A1L

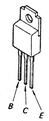
SEL2210S-C
SEL2410E-D
SEL2810A-C

SBX1610-59

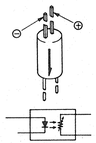
2SA1341



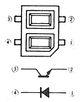
2SB1370-EF
2SD2012



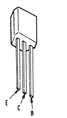
1SS355



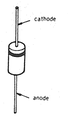
NJL-5165K-B



2SA1344
2SC2603
DTC114ES
DTC143TS



10E2N



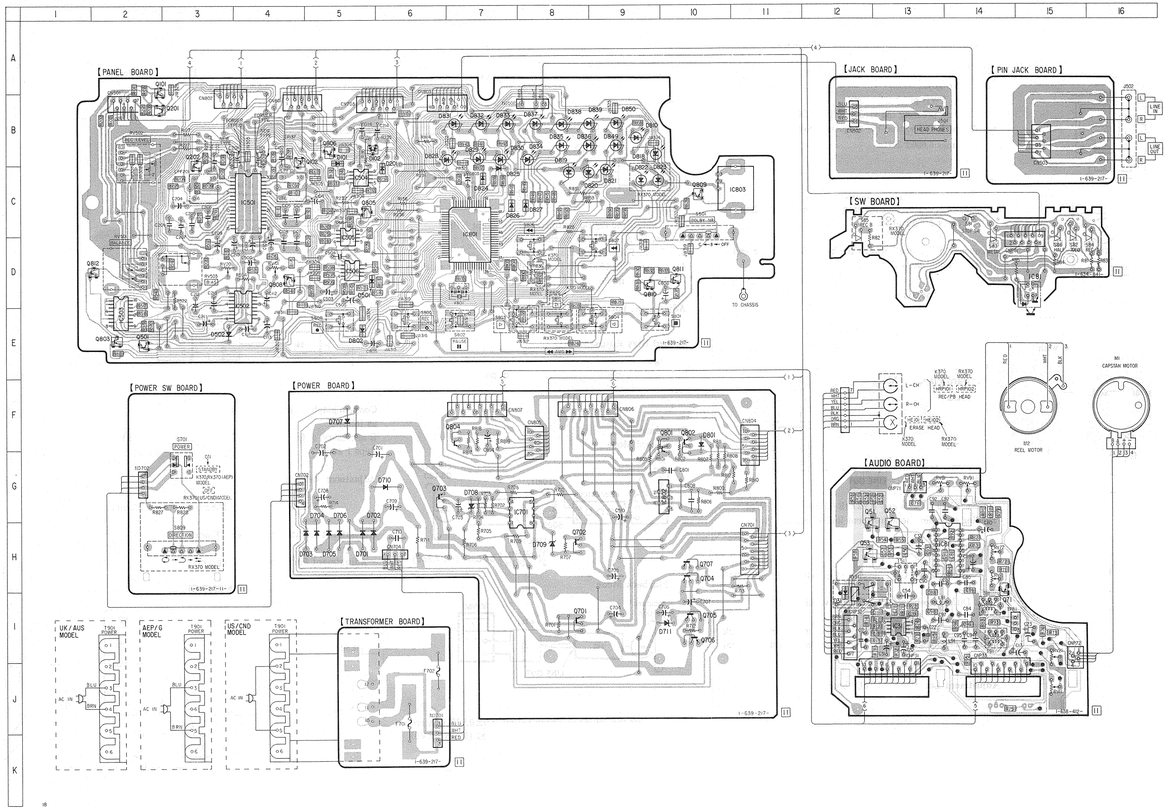
● Semiconductor Location

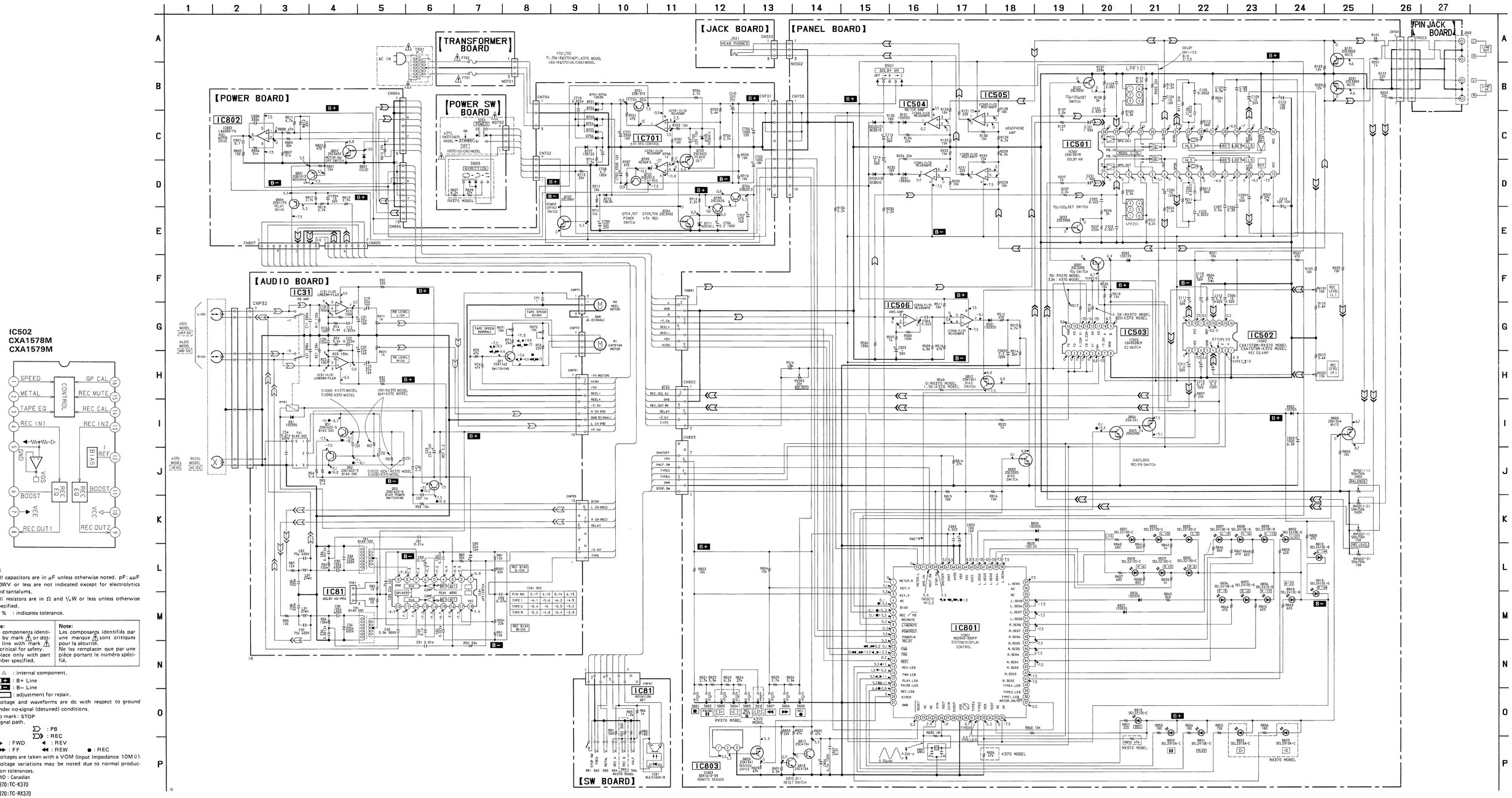
Ref. No.	Location	Ref. No.	Location
D31	I-12	IC31	I-13
D101	B-5	IC81(AUDIO)	H-14
D102	B-5	IC81(SW)	D-15
D201	C-6	IC501	C-4
D501	D-5	IC502	D-4
D502	E-3	IC503	E-2
D701	H-5	IC504	C-5
D702	H-5	IC505	C-5
D703	H-5	IC506	D-5
D704	H-5	IC701	G-8
D705	H-5	IC801	C-7
D706	H-5	IC802	G-10
D707	F-5	IC803	C-10
D708	G-7		
D709	H-8	Q51	H-12
D710	G-6	Q52	H-13
D711	I-10	Q53	H-12
D801	F-10	Q71	H-14
D802	E-5	Q101	A-2
D810	B-9	Q102	B-4
D818	B-9	Q201	B-2
D819	C-8	Q202	B-3
D820	C-8	Q501	E-2
D821	C-9	Q701	I-8
D822	C-9	Q702	H-8
D823	C-9	Q703	G-6
D824	C-7	Q704	H-10
D825	C-7	Q705	I-10
D826	C-7	Q706	I-10
D827	C-8	Q707	H-10
D828	B-7	Q801	F-10
D829	B-7	Q802	F-10
D830	B-7	Q803	E-2
D831	B-7	Q804	F-7
D832	B-7	Q805	C-5
D833	B-7	Q806	B-5
D834	B-8	Q808	D-4
D835	B-8	Q809	C-10
D836	B-8	Q810	D-9
D837	B-8	Q811	D-10
D838	B-8	Q812	D-1
D839	B-8		
D849	B-9		
D850	B-9		

Note:

- ○——● : parts extracted from the component side.
- ● : Through hole.
- ▨ : Pattern on the side which is seen.
- ▨ : Pattern of the rear side.
- CND : Canadian — T370:TC-K370
- G : Germany — RX370:TC-RX370
- AUS : Australian

4-3. PRINTED WIRING BOARDS





Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified.
- % : indicates tolerance.

Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- △ : internal component.
- B+ : B+ Line
- B− : B− Line
- ▭ : adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : STOP
- Signal path.
  ⟩ : PB
  ⟩⟩ : REC
- ▶ : FWD ◀ : REV
  ▶▶ : FF ◀◀ : REW ● : REC
- Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- GND : Canadian
  T370:TC-K370
  RX370:TC-RX370

SECTION 5
EXPLODED VIEWS

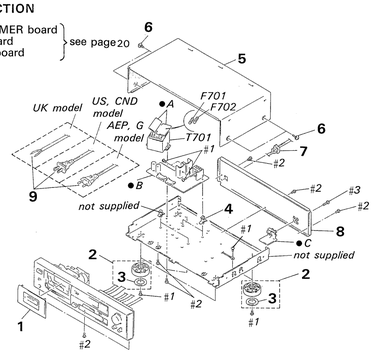
NOTE:

- −XX, −X mean standardized parts, so they may have some differences from the original one.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE(WHITE)...(RED)
  ↑ ↑
  Part's Color Cabinet's Color
- Hardware (#mark) list is given in the last of this parts list.
- CND : Canadian
- G : Germany
- AUS : Australian
- K370:TC-K370
- RX370:TC-RX370

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

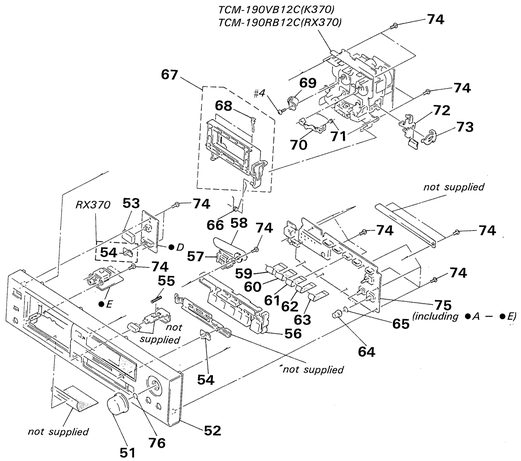
5-1. CHASSIS SECTION

●A:TRANSFORMER board
●B:POWER board
●C:PIN JACK board
see page 20



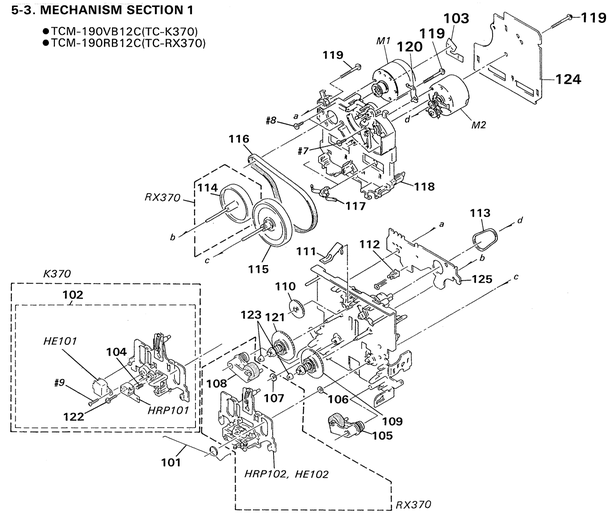
5-2. FRONT PANEL SECTION

●D:POWER SW board
●E:JACK board



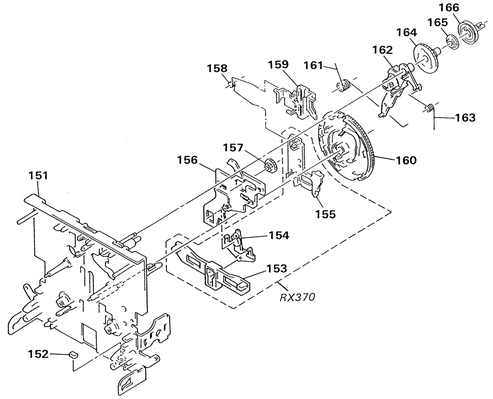
5-3. MECHANISM SECTION 1

●TCM-190VB12C(TC-K370)
●TCM-190RB12C(TC-RX370)



5-4. MECHANISM SECTION 2

●TCM-190VB12C(TC-K370)
●TCM-190RB12C(TC-RX370)



Ref.No.	Part No.	Description	Remark
1	X-3362-326-1	LID ASSY (R), CASSETTE (RX370)	
1	X-3362-329-1	LID ASSY (V), CASSETTE (K370)	
2	X-3304-938-2	FOOT ASSY (RX370:AEP/K370)	
2	X-4685-950-1	FOOT ASSY (RX370:US,Canadian)	
3	4-923-836-11	CUSHION	
4	* 3-346-265-11	HOLDER, PC BOARD	
5	3-332-578-51	CASE	
6	3-704-366-01	SCREW (CASE) (M3X8)	
7	* 3-703-244-00	BUSHING (2104), CORD (RX370:AEP/K370)	
7	* 3-703-571-11	BUSHING (S) (4516), CORD (RX370:US,Canadian)	
8	* 3-367-827-02	PANEL, BACK (K370:AEP,G)	
8	* 3-367-827-12	PANEL, BACK (K370:AEP)	
8	* 3-367-827-22	PANEL, BACK (K370:UK,AUS)	
8	* 3-367-828-02	PANEL, BACK (RX370:US,Canadian)	
8	* 3-367-828-12	PANEL, BACK (RX370:AEP)	
8	* 3-367-828-22	PANEL, BACK (RX370:AEP)	
9	⚠ 1-551-506-XX	CORD, POWER (RX370:US,Canadian)	
9	⚠ 1-555-795-00	CORD, POWER, EULO PLUG (K370:AEP,G/RX370:AEP)	
9	⚠ 1-556-035-00	CORD, POWER (K370:UK,AUS)	
F701	⚠ 1-532-285-00	FUSE, TIME-LAG (T1.25A) (RX370:AEP/K370)	
F701	⚠ 1-532-741-11	FUSE, GLASS TUBE (1.6A) (RX370:US,Canadian)	
F702	⚠ 1-532-285-00	FUSE, TIME-LAG (T1.25A) (RX370:AEP/K370)	
F702	⚠ 1-532-741-11	FUSE, GLASS TUBE (1.6A) (RX370:US,Canadian)	
T901	⚠ 1-450-505-11	TRANSFORMER, POWER (RX370:US,Canadian)	
T901	⚠ 1-450-507-11	TRANSFORMER, POWER (RX370:AEP/K370)	

Ref.No.	Part No.	Description	Remark
51	3-367-438-11	KNOB (REC)	
52	X-3363-327-2	PANEL ASSY, FRONT (RX370:US,Canadian)	
52	X-3363-328-2	PANEL ASSY, FRONT (RX370:AEP)	
52	X-3363-330-2	PANEL ASSY, FRONT (K370)	
53	4-922-921-01	BUTTON (POWER)	
54	4-922-518-01	KNOB (TIMER)	
55	3-359-906-01	SPRING, COMPRESSION	
56	3-367-434-21	BUTTON (A) (RX370)	
56	3-368-281-21	BUTTON (B) (K370)	
57	1-548-596-71	COUNTER, TAPE (MIDDLE TYPE)	
58	3-330-314-01	BELT (DIA. 5TX1.2)	
59	1-575-782-11	WIRE, FLAT TYPE (9 CORE)	
60	1-690-046-11	WIRE, FLAT TYPE (11 CORE)	
61	1-690-045-11	WIRE, FLAT TYPE (9 CORE)	

Ref.No.	Part No.	Description	Remark
62	1-690-047-11	WIRE, FLAT TYPE (7 CORE)	
63	1-590-963-11	WIRE, SHIELD, FLAT TYPE	
64	3-367-431-01	KNOB (BAL)	
65	3-356-957-01	SPRING (RX370)	
66	3-354-960-01	SPRING (LOADING R), TORSION	
67	X-3340-195-1	HOLDER (R) ASSY, CASSETTE	
68	3-308-823-11	SPRING	
69	3-354-963-01	DAMPER	
70	3-354-956-01	LEVER (EJ SAFTY LEVER R)	
71	3-354-962-01	SPRING (EJ SAFTY SPRING R)	
72	* 3-354-954-01	LEVER (LOCK LEVER R)	
73	3-354-957-01	JOINT (LOCK LEVER)	
74	4-928-635-01	SCREW, +BV (2.6X8) TAPPING	
75	* A-2006-509-A	PANEL BOARD, COMPLETE (K370)	
75	* A-2006-510-A	PANEL BOARD, COMPLETE (RX370)	
76	3-350-426-01	SPRING	

Ref.No.	Part No.	Description	Remark
101	3-359-455-01	SPRING, TORSION	
102	A-2003-817-A	BASE (ONE) ASSY, HEAD (K370)	
103	1-638-983-11	PC BOARD, MOTOR FLEXIBLE	
104	3-343-484-01	SPRING, COMPRESSION (K370)	
105	X-3359-408-1	LEVER (PINCH LEVER FWD) ASSY	
106	3-356-713-01	WASHER	
107	3-356-714-01	WASHER (RX370)	
108	X-3359-409-1	LEVER (PINCH LEVER REV) ASSY (RX370)	
109	X-3359-404-1	TABLE ASSY, REEL	
110	3-359-424-01	GEAR (REV GEAR)	
111	3-359-430-01	SPRING (CASSETTE RETAINER), LEAF	
112	3-343-419-01	HOLDER (S SENSER A)	
113	3-359-466-01	BELT (FR), SQUARE	
114	X-3359-410-1	FLYWHEEL (REV) ASSY (RX370)	
115	X-3359-406-1	FLYWHEEL (FWD) COMPLETE ASSY	
116	3-359-417-01	BELT (FLAT), CAPSTAN (RX370)	
116	3-359-467-01	BELT (1 WAY FLAT BELT) (K370)	

Ref.No.	Part No.	Description	Remark
117	3-575-321-00	RETAINER, THRUST, CAPSTAN	
118	* 3-359-436-01	BASE (THRUST RETAINER), FITTING	
119	3-359-414-01	SCREW (+PTPWH 2X23)	
120	3-359-450-01	PLATE, GROUND	
121	X-3362-078-1	TABLE ASSY (B), REEL	
122	3-359-446-01	SCREW (AZIMUTH ADJUSTMENT) (K370)	
123	3-362-308-01	CAP (REEL)	
124	* A-2006-401-A	AUDIO BOARD, COMPLETE (RX370)	
124	* A-2006-508-A	AUDIO BOARD, COMPLETE (K370)	
125	* 1-634-841-11	SW BOARD	
HE101	1-543-535-11	HEAD, MAGNETIC (ERASE) (K370)	
HE102	A-2003-838-A	BASE ASSY, HEAD (RX370)	
HRP101	1-543-537-11	HEAD, MAGNETIC (REC/PB) (K370)	
HRP102	A-2003-838-A	BASE ASSY, HEAD (RX370)	
M1	X-3359-417-1	MOTOR (CAPSTAN) ASSY	
M2	A-2003-474-A	MOTOR (REEL) ASSY	

Ref.No.	Part No.	Description	Remark
151	X-3359-415-1	CHASSIS ASSY, MECHANICAL (RX370)	
151	X-3359-416-1	CHASSIS ASSY, MECHANICAL (K370)	
152	3-359-469-01	SPACER	
153	* 3-359-425-01	SLIDER (REVERSE SLIDER) (RX370)	
154	3-359-426-01	LEVER (REVERSE LEVER) (RX370)	
155	* 3-359-427-01	SLIDER (LEVERSE SLIDER) (RX370)	
156	* 3-359-415-01	SLIDER (TRIGGER SLIDER)	
157	3-359-448-01	GEAR (TRIGGER)	

Ref.No.	Part No.	Description	Remark
158	3-359-454-01	SPRING, TORSION	
159	3-359-429-01	SLIDER (BRAKE PLATE)	
160	3-359-420-01	GEAR (CAM GEAR)	
161	3-359-456-01	SPRING (TRIGGER SPRING), TORSION	
162	X-3359-405-1	LEVER (FR ARM) ASSY	
163	3-359-453-01	SPRING (FR ARM), TORSION	
164	3-359-419-01	GEAR (FR GEAR)	
165	3-359-421-01	CLUTCH (REEL DISK)	
166	3-359-418-01	PULLEY (FR PULLEY)	

SECTION 6
ELECTRICAL PARTS LIST

AUDIO

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- −XX, −X mean standardized parts, so they may have some differences from the original one.
- RESISTORS
  All resistors are in ohms
  METAL : Metal-film resistor
  METAL OXIDE : Metal Oxide-film resistor
  F : nonflammable
- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA··· : μA···, uPA··· : μPA···,
  uPB··· : μPB···, uPC··· : μPC···,
  uPD··· : μPD···
- CAPACITORS
  uF : μF
- COILS
  uH : μH

- CND : Canadian
- G : Germany
- AUS : Australian
- K370:TC-K370
- RX370:TC-RX370

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description			Remark
*	A-2006-401-A	AUDIO BOARD, COMPLATE (RX370)			
*	A-2006-508-A	AUDIO BOARD, COMPLETE (K370)			
		**********			
		< CAPACITOR >			
C11	1-163-131-00	CERAMIC CHIP	390PF	5% 50V	
C12	1-136-157-00	FILM	0.022uF	5% 50V	
C13	1-124-234-00	ELECT	22uF	20% 16V	
C18	1-163-117-00	CERAMIC CHIP	100PF	5% 50V	
C21	1-163-131-00	CERAMIC CHIP	390PF	5% 50V	
C22	1-136-157-00	FILM	0.022uF	5% 50V	
C23	1-124-234-00	ELECT	22uF	20% 16V	
C28	1-163-117-00	CERAMIC CHIP	100PF	5% 50V	
C31	1-124-234-00	ELECT	22uF	20% 16V	
C32	1-124-234-00	ELECT	22uF	20% 16V	
C33	1-124-234-00	ELECT	22uF	20% 16V	
C51	1-164-161-11	CERAMIC CHIP	0.0022uF	10% 100V (RX370)	
C51	1-164-182-11	CERAMIC CHIP	0.0033uF	10% 50V (K370)	
C52	1-164-161-11	CERAMIC CHIP	0.0022uF	10% 100V (RX370)	
C52	1-164-182-11	CERAMIC CHIP	0.0033uF	10% 50V (K370)	
C53	1-163-019-00	CERAMIC CHIP	0.0068uF	10% 50V (RX370)	
C53	1-163-020-00	CERAMIC CHIP	0.0082uF	10% 50V (K370)	
C54	1-136-601-11	FILM	0.01uF	5% 630V	
C56	1-164-505-11	CERAMIC CHIP	2.2uF	16V	
C57	1-164-346-11	CERAMIC CHIP	1uF	16V	
C71	1-164-346-11	CERAMIC CHIP	1uF	16V	
C80	1-124-234-00	ELECT	22uF	20% 16V	
C81	1-164-232-11	CERAMIC CHIP	0.01uF	50V	
C82	1-136-157-00	FILM	0.022uF	5% 50V	
C83	1-164-004-11	CERAMIC CHIP	0.1uF	10% 25V	
C84	1-136-437-11	FILM	220PF	5% 630V	
C85	1-136-433-11	FILM	100PF	5% 630V	
C86	1-163-143-00	CERAMIC CHIP	0.0012uF	5% 50V	
C87	1-136-273-91	FILM	75PF	5% 630V	
C88	1-163-003-11	CERAMIC CHIP	330PF	10% 50V	
C89	1-124-234-00	ELECT	22uF	20% 16V	
C90	1-107-045-00	MICA	3.9PF	500V	
C91	1-164-232-11	CERAMIC CHIP	0.01uF	50V	
C92	1-136-157-00	FILM	0.022uF	5% 50V	
C93	1-164-004-11	CERAMIC CHIP	0.1uF	10% 25V	
C94	1-136-437-11	FILM	220PF	5% 630V	
C95	1-136-433-11	FILM	100PF	5% 630V	
C96	1-163-143-00	CERAMIC CHIP	0.0012uF	5% 50V	
C97	1-136-273-91	FILM	75PF	5% 630V	
C98	1-163-003-11	CERAMIC CHIP	330PF	10% 50V	
C99	1-164-005-11	CERAMIC CHIP	0.47uF	25V	
		< CONNECTOR >			
CNP31	* 1-580-782-11	CONNECTOR, BOARD TO BOARD			
CNP32	* 1-580-781-11	PIN, CONNECTOR (PC BOARD) 7P			
CNP33	* 1-580-782-11	CONNECTOR, BOARD TO BOARD			
CNP71	* 1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
CNP72	* 1-580-411-11	SOCKET, CONNECTOR 4P			
		< DIODE >			
D31	8-719-988-62	DIODE 1SS355			
		< IC >			
IC31	8-759-970-66	IC LM833M			
IC81	8-759-106-56	IC uPC1297CA			
		< COIL >			
L81	1-410-780-11	INDUCTOR	27mH		
L91	1-410-780-11	INDUCTOR	27mH		

AUDIO

PANEL

INCLUDING JACK, PIN JACK, POWER, POWER SW, TRANSFORMER

Ref. No.	Part No.	Description			Remark
		< TRANSISTOR >			
Q51	8-729-808-01	TRANSISTOR 2SD1622-S			
Q52	8-729-808-01	TRANSISTOR 2SD1622-S			
Q53	8-729-808-01	TRANSISTOR 2SD1622-S			
Q71	8-729-216-22	TRANSISTOR 2SA1162-6			
		< RESISTOR >			
R11	1-216-099-00	METAL CHIP	120K	5%	1/10W
R12	1-216-025-00	METAL CHIP	100	5%	1/10W
R13	1-216-100-00	METAL GLAZE	130K	5%	1/10W
R14	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R21	1-216-099-00	METAL CHIP	120K	5%	1/10W
R22	1-216-025-00	METAL CHIP	100	5%	1/10W
R23	1-216-100-00	METAL GLAZE	130K	5%	1/10W
R24	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R31	1-216-033-00	METAL CHIP	220	5%	1/10W
R32	1-216-033-00	METAL CHIP	220	5%	1/10W
R51	1-216-091-00	METAL CHIP	56K	5%	1/10W(K370)
R51	1-216-097-00	METAL CHIP	100K	5%	1/10W(RX370)
R52	1-216-091-00	METAL CHIP	56K	5%	1/10W(K370)
R52	1-216-097-00	METAL CHIP	100K	5%	1/10W(RX370)
R53	1-216-073-00	METAL CHIP	10K	5%	1/10W
R54	1-216-309-00	METAL CHIP	5.6	5%	1/10W
R55	1-216-309-00	METAL CHIP	5.6	5%	1/10W
R57	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R71	1-216-082-00	METAL GLAZE	24K	5%	1/10W
R72	1-216-081-00	METAL CHIP	22K	5%	1/10W
R73	1-216-089-00	METAL CHIP	47K	5%	1/10W
R74	1-216-089-00	METAL CHIP	47K	5%	1/10W
R81	1-216-073-00	METAL CHIP	10K	5%	1/10W
R82	1-216-085-00	METAL CHIP	33K	5%	1/10W
R83	1-216-001-00	METAL CHIP	10	5%	1/10W
R84	1-216-101-00	METAL CHIP	150K	5%	1/10W
R85	1-216-075-00	METAL CHIP	12K	5%	1/10W
R91	1-216-073-00	METAL CHIP	10K	5%	1/10W
R92	1-216-085-00	METAL CHIP	33K	5%	1/10W
R93	1-216-001-00	METAL CHIP	10	5%	1/10W
R94	1-216-101-00	METAL CHIP	150K	5%	1/10W
R95	1-216-075-00	METAL CHIP	12K	5%	1/10W
		< VARIABLE RESISTOR >			
RV11	1-238-012-11	RES, ADJ, CARBON 1K			
RV21	1-238-012-11	RES, ADJ, CARBON 1K			
RV71	1-238-016-11	RES, ADJ, CARBON 10K			
RV72	1-238-016-11	RES, ADJ, CARBON 10K			
RV81	1-238-548-11	RES, ADJ, CARBON 22K			
RV91	1-238-548-11	RES, ADJ, CARBON 22K			

Ref. No.	Part No.	Description			Remark
		< RELAY >			
RY31	1-515-726-11	RELAY			
		< TRANSFORMER >			
T51	1-406-417-11	COIL, BIAS OSCILLATION			
T81	1-433-367-11	TRANSFORMER, BIAS OSSCILATION			
T91	1-433-367-11	TRANSFORMER, BIAS OSSCILATION			
		< TEST PIN >			
TP81	* 1-568-449-11	HOUSING, CONNECTOR(PC BOARD) 3P			
**********					
	* A-2006-509-A	PANEL BOARD, COMPLETE (INCLUDING JACK BOARD, PIN JACK BOARD, POWER BOARD, POWER SW BOARD, TRANSFORMER BOARD) (K370)			
	* A-2006-510-A	PANEL BOARD, COMPLETE (INCLUDING JACK BOARD, PIN JACK BOARD, POWER BOARD, POWER SW BOARD, TRANSFORMER BOARD) (RX370)			
	**********				
	* 1-533-213-31	HOLDER, FUSE			
	* 4-363-147-00	HEAT SINK, H.PIN			
	* 4-880-403-11	HEAT SINK			
		< CAPACITOR >			
C101	1-126-301-11	ELECT	1uF	20%	50V
C102	1-136-157-00	FILM	0.022uF	5%	50V
C103	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C104	1-126-157-11	ELECT	10uF	20%	16V
C105	1-130-475-00	MYLAR	0.0022uF	5%	50V
C106	1-130-475-00	MYLAR	0.0022uF	5%	50V
C107	1-136-174-00	FILM	0.56uF	5%	50V
C108	1-136-171-00	FILM	0.33uF	5%	50V
C109	1-124-907-11	ELECT	10uF	20%	50V
C110	1-124-443-00	ELECT	100uF	20%	10V
C111	1-124-903-11	ELECT	1uF	20%	50V
C112	1-123-382-00	ELECT	3.3uF	20%	100V
C113	1-124-902-00	ELECT	0.47uF	20%	50V
C114	1-126-162-11	ELECT	3.3uF	20%	50V
C201	1-126-301-11	ELECT	1uF	20%	50V
C202	1-136-157-00	FILM	0.022uF	5%	50V
C203	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C204	1-126-157-11	ELECT	10uF	20%	16V
C205	1-130-475-00	MYLAR	0.0022uF	5%	50V
C206	1-130-475-00	MYLAR	0.0022uF	5%	50V
C207	1-136-174-00	FILM	0.56uF	5%	50V
C208	1-136-171-00	FILM	0.33uF	5%	50V
C209	1-124-907-11	ELECT	10uF	20%	50V

PANEL

INCLUDING JACK, PIN JACK, POWER, POWER SW, TRANSFORMER

Ref. No.	Part No.	Description			Remark
C210	1-124-443-00	ELECT	100uF	20%	10V
C211	1-124-903-11	ELECT	1uF	20%	50V
C212	1-123-382-00	ELECT	3.3uF	20%	100V
C213	1-124-902-00	ELECT	0.47uF	20%	50V
C214	1-126-162-11	ELECT	3.3uF	20%	50V
C503	1-124-903-11	ELECT	1uF	20%	50V
C504	1-161-494-00	CERAMIC	0.022uF		25V
C505	1-124-925-11	ELECT	2.2uF	20%	100V
C506	1-124-907-11	ELECT	10uF	20%	50V
C510	1-124-120-11	ELECT	220uF	20%	25V
C701	1-124-887-00	ELECT	3300uF	20%	16V
C702	1-124-887-00	ELECT	3300uF	20%	16V
C703	1-126-176-11	ELECT	220uF	20%	10V
C704	1-126-926-11	ELECT	1000uF	20%	10V
C705	1-126-926-11	ELECT	1000uF	20%	10V
C706	1-124-925-11	ELECT	2.2uF	20%	100V
C707	1-124-472-11	ELECT	470uF	20%	10V
C708	1-124-927-11	ELECT	4.7uF	20%	100V
C709	1-124-120-11	ELECT	220uF	20%	25V
C710	1-136-157-00	FILM	0.022uF	5%	50V
C801	1-136-165-00	FILM	0.1uF	5%	50V
C802	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C803	1-126-177-11	ELECT	100uF	20%	10V
C804	1-124-907-11	ELECT	10uF	20%	50V
C805	1-126-916-11	ELECT	1000uF	20%	6.3V
C806	1-124-927-11	ELECT	4.7uF	20%	100V
C807	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C808	1-162-288-31	CERAMIC	330PF	10%	50V

< CONNECTOR >

CN501	* 1-568-826-11	SOCKET, CONNECTOR 7P	
CN502	* 1-573-262-11	PIN, CONNECTOR	
CN503	* 1-568-826-11	SOCKET, CONNECTOR 7P	
CN701	* 1-568-830-11	SOCKET, CONNECTOR 11P	
CN702	* 1-564-338-00	PIN, CONNECTOR 4P	
CN703	* 1-568-830-11	SOCKET, CONNECTOR 11P	
CN704	* 1-573-262-11	PIN, CONNECTOR	
CN801	* 1-568-828-11	SOCKET, CONNECTOR 9P	
CN802	* 1-568-826-11	SOCKET, CONNECTOR 7P	
CN803	* 1-568-828-11	SOCKET, CONNECTOR 9P	
CN804	* 1-568-828-11	SOCKET, CONNECTOR 9P	
CN805	* 1-568-826-11	SOCKET, CONNECTOR 7P	
CN806	* 1-580-824-11	CONNECTOR, BOARD TO BOARD	
CN807	* 1-580-824-11	CONNECTOR, BOARD TO BOARD	

< DIODE >

D101	8-719-988-62	DIODE 1SS355	
D102	8-719-990-39	DIODE DCB010	
D201	8-719-988-62	DIODE 1SS355	
D501	8-719-988-62	DIODE 1SS355	
D502	8-719-912-20	DIODE 1SS120	
D701	8-719-200-77	DIODE 10E2N	
D702	8-719-200-77	DIODE 10E2N	
D703	8-719-200-77	DIODE 10E2N	
D704	8-719-200-77	DIODE 10E2N	
D705	8-719-200-77	DIODE 10E2N	
D706	8-719-200-77	DIODE 10E2N	
D707	8-719-912-20	DIODE 1SS120	
D708	8-719-933-33	DIODE HZS6A1L	
D709	8-719-933-33	DIODE HZS6A1L	
D710	8-719-200-77	DIODE 10E2N	
D711	8-719-933-43	DIODE HZS7A1L	
D801	8-719-912-20	DIODE 1SS120	
D802	8-719-988-62	DIODE 1SS355	
D810	8-719-301-44	LED SEL2410E-D	
D818	8-719-301-44	LED SEL2410E-D	
D819	8-719-301-38	LED SEL2210S-C	
D820	8-719-301-52	LED SEL2810A-C	
D821	8-719-301-44	LED SEL2410E-D	
D822	8-719-301-52	LED SEL2810A-C	(RX370)
D823	8-719-301-52	LED SEL2810A-C	(RX370)
D824	8-719-988-62	DIODE 1SS355	
D825	8-719-912-20	DIODE 1SS120	
D826	8-719-988-62	DIODE 1SS355	
D827	8-719-988-62	DIODE 1SS355	
D828	8-719-301-38	LED SEL2210S-C	
D829	8-719-301-38	LED SEL2210S-C	
D830	8-719-301-38	LED SEL2210S-C	
D831	8-719-301-38	LED SEL2210S-C	
D832	8-719-301-38	LED SEL2210S-C	
D833	8-719-301-38	LED SEL2210S-C	
D834	8-719-301-44	LED SEL2410E-D	
D835	8-719-301-44	LED SEL2410E-D	
D836	8-719-301-44	LED SEL2410E-D	
D837	8-719-301-44	LED SEL2410E-D	
D838	8-719-301-44	LED SEL2410E-D	
D839	8-719-301-44	LED SEL2410E-D	
D849	8-719-301-44	LED SEL2410E-D	
D850	8-719-301-44	LED SEL2410E-D	

< IC >

IC501	8-752-055-08	IC CXA1331M	
IC502	8-752-055-60	IC CXA1578M	(RX370)
IC502	8-752-055-63	IC CXA1579M	(K370)
IC503	8-759-516-41	IC CD4052BCM	
IC504	8-759-981-95	IC RC4558S	
IC505	8-759-636-55	IC M5218AFP	

PANEL

INCLUDING JACK, PIN JACK, POWER, POWER SW, TRANSFORMER

Ref. No.	Part No.	Description	Remark
IC506	8-759-981-95	IC RC4558S	
IC701	8-759-945-58	IC RC4558P	
IC801	8-759-636-68	IC M50940-330FP	
IC802	8-759-803-42	IC LA6500-FA	
IC803	8-741-100-48	IC SBX1610-59	
		< JACK >	
J501	1-507-981-11	JACK (LARGE TYPE) (HEAD PHONES)	
J502	1-565-258-11	JACK, PIN 4P (LINE IN/OUT)	
		< JUMPER >	
JW301	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW302	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW303	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW304	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW305	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW306	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW307	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW308	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW309	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW310	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW311	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW312	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW313	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW314	1-216-296-00	METAL CHIP 0 5% 1/8W	
JW315	1-216-296-00	METAL CHIP 0 5% 1/8W	
JW316	1-216-296-00	METAL CHIP 0 5% 1/8W	
JW317	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW318	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW319	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW320	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW321	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW322	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW323	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW324	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW325	1-216-295-00	METAL CHIP 0 5% 1/10W	
JW327	1-216-296-00	METAL CHIP 0 5% 1/8W	
		< FILTER >	
LPF101	1-239-087-11	FILTER, MPX	
LPF201	1-239-087-11	FILTER, MPX	
		< TRANSISTOR >	
Q101	8-729-805-40	TRANSISTOR 2SC3900	
Q102	8-729-805-40	TRANSISTOR 2SC3900	
Q201	8-729-805-40	TRANSISTOR 2SC3900	
Q202	8-729-805-40	TRANSISTOR 2SC3900	
Q501	8-729-805-45	TRANSISTOR 2SC3395	

Ref. No.	Part No.	Description	Remark
Q701	8-729-924-90	TRANSISTOR 2SB1370-EF	
Q702	8-729-209-15	TRANSISTOR 2SD2012	
Q703	8-729-900-80	TRANSISTOR DTC114ES	
Q704	8-729-900-80	TRANSISTOR DTC114ES	
Q705	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q706	8-729-209-15	TRANSISTOR 2SD2012	
Q707	8-729-900-74	TRANSISTOR DTC143TS	
Q801	8-729-801-84	TRANSISTOR 2SB1013-4	
Q802	8-729-900-80	TRANSISTOR DTC114ES	
Q803	8-729-805-45	TRANSISTOR 2SC3395	
Q804	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q805	8-729-805-45	TRANSISTOR 2SC3395	
Q806	8-729-805-69	TRANSISTOR 2SA1341	
Q808	8-729-805-65	TRANSISTOR 2SA1344	
Q809	8-729-805-69	TRANSISTOR 2SA1341	
Q810	8-729-602-21	TRANSISTOR 2SC4154-F	
Q811	8-729-602-21	TRANSISTOR 2SC4154-F	
Q812	8-729-805-69	TRANSISTOR 2SA1341	
		< RESISTOR >	
R101	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R102	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R103	1-216-075-00	METAL CHIP 12K 5% 1/10W	
R104	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W	
R105	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R107	1-216-105-00	METAL CHIP 220K 5% 1/10W	
R108	1-216-060-00	METAL GLAZE 3K 5% 1/10W	
R109	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R110	1-216-071-00	METAL CHIP 8.2K 5% 1/10W	
R111	1-216-082-00	METAL GLAZE 24K 5% 1/10W	
R112	1-216-043-00	METAL CHIP 560 5% 1/10W	
R115	1-216-067-00	METAL CHIP 5.6K 5% 1/10W	
R127	1-249-417-11	CARBON 1K 5% 1/4W	
R128	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R129	1-216-071-00	METAL CHIP 8.2K 5% 1/10W	
R130	1-216-077-00	METAL CHIP 15K 5% 1/10W	
R131	1-249-409-11	CARBON 220 5% 1/4W	
R132	1-216-077-00	METAL CHIP 15K 5% 1/10W	
R133	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R134	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R135	1-249-408-11	CARBON 180 5% 1/4W	
R136	1-249-421-11	CARBON 2.2K 5% 1/4W	
R137	1-247-838-00	CARBON 2K 5% 1/4W	
R201	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R202	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R203	1-216-075-00	METAL CHIP 12K 5% 1/10W	
R204	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R205	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R207	1-216-105-00	METAL CHIP 220K 5% 1/10W	

PANEL

INCLUDING JACK, PIN JACK, POWER, POWER SW, TRANSFORMER

Ref. No.	Part No.	Description				Remark
R208	1-216-060-00	METAL GLAZE	3K	5%	1/10W	
R209	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R210	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R211	1-216-082-00	METAL GLAZE	24K	5%	1/10W	
R212	1-216-043-00	METAL CHIP	560	5%	1/10W	
R215	1-216-067-00	METAL CHIP	5.6K	5%	1/10W	
R227	1-249-417-11	CARBON	1K	5%	1/4W	
R228	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R229	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R230	1-216-077-00	METAL CHIP	15K	5%	1/10W	
R231	1-249-409-11	CARBON	220	5%	1/4W	
R232	1-249-431-11	CARBON	15K	5%	1/4W	
R233	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R234	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R235	1-249-408-11	CARBON	180	5%	1/4W	
R236	1-249-421-11	CARBON	2.2K	5%	1/4W	
R237	1-247-838-00	CARBON	2K	5%	1/4W	
R501	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R502	1-218-158-11	METAL GLAZE	27K	1%	1/10W	
R503	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R504	1-215-455-00	METAL	27K	1%	1/6W	
R506	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R507	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R508	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R509	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	
R510	1-216-041-00	METAL CHIP	470	5%	1/10W	
R511	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R512	1-216-041-00	METAL CHIP	470	5%	1/10W	
R513	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R514	1-216-086-00	METAL GLAZE	36K	5%	1/10W	
R516	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R517	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	
R518	1-216-049-00	METAL CHIP	1K	5%	1/10W(K370)	
R518	1-216-053-00	METAL CHIP	1.5K	5%	1/10W(RX370)	
R519	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R520	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R521	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R522	1-249-417-11	CARBON	1K	5%	1/4W	
R540	1-216-053-00	METAL CHIP	1.5K	5%	1/10W(K370)	
R540	1-216-295-00	METAL CHIP	0	5%	1/10W(RX370)	
R541	1-216-041-00	METAL CHIP	470	5%	1/10W	
R701	1-249-413-11	CARBON	470	5%	1/4W	
R702	1-249-429-11	CARBON	10K	5%	1/4W	
R703	1-249-430-11	CARBON	12K	5%	1/4W	
R704	1-249-422-11	CARBON	2.7K	5%	1/4W	
R705	1-249-426-11	CARBON	5.6K	5%	1/4W	

Ref. No.	Part No.	Description				Remark
R706	1-249-422-11	CARBON	2.7K	5%	1/4W	
R707	1-249-413-11	CARBON	470	5%	1/4W	
R708	1-249-417-11	CARBON	1K	5%	1/4W	
R709	1-249-429-11	CARBON	10K	5%	1/4W	
R710	1-249-429-11	CARBON	10K	5%	1/4W	
R711	1-249-429-11	CARBON	10K	5%	1/4W	
R712	1-249-421-11	CARBON	2.2K	5%	1/4W	
R713	1-249-433-11	CARBON	22K	5%	1/4W	
R714	1-249-421-11	CARBON	2.2K	5%	1/4W	
R801	1-249-429-11	CARBON	10K	5%	1/4W	
R802	1-249-413-11	CARBON	470	5%	1/4W	
R803	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R804	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R805	1-249-405-11	CARBON	100	5%	1/4W	
R806	1-247-872-11	CARBON	51K	5%	1/4W	
R807	1-247-872-11	CARBON	51K	5%	1/4W	
R808	1-249-437-11	CARBON	47K	5%	1/4W	
R809	1-247-866-11	CARBON	30K	5%	1/4W	
R810	1-249-434-11	CARBON	27K	5%	1/4W	
R811	1-249-425-11	CARBON	4.7K	5%	1/4W	
R812	1-247-862-11	CARBON	20K	5%	1/4W	
R814	1-249-434-11	CARBON	27K	5%	1/4W	
R815	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R816	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R817	1-249-422-11	CARBON	2.7K	5%	1/4W	
R818	1-249-422-11	CARBON	2.7K	5%	1/4W	
R819	1-249-422-11	CARBON	2.7K	5%	1/4W	
R821	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	
R822	1-216-063-00	METAL CHIP	3.9K	5%	1/10W	
R823	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R824	1-216-083-00	METAL CHIP	27K	5%	1/10W	
R825	1-249-422-11	CARBON	2.7K	5%	1/4W	
R826	1-249-424-11	CARBON	3.9K	5%	1/4W	
R827	1-249-428-11	CARBON	8.2K	5%	1/4W(RX370)	
R828	1-249-434-11	CARBON	27K	5%	1/4W(RX370)	
R829	1-216-089-00	METAL CHIP	47K	5%	1/10W	
R830	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R831	1-216-063-00	METAL CHIP	3.9K	5%	1/10W	
R832	1-216-089-00	METAL CHIP	47K	5%	1/10W	
R833	1-216-089-00	METAL CHIP	47K	5%	1/10W	
R835	1-216-121-00	METAL CHIP	1M	5%	1/10W	
R836	1-249-437-11	CARBON	47K	5%	1/4W(K370)	
R837	1-216-045-00	METAL CHIP	680	5%	1/10W	
R838	1-216-047-00	METAL CHIP	820	5%	1/10W	
R839	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R840	1-216-045-00	METAL CHIP	680	5%	1/10W	
R841	1-216-047-00	METAL CHIP	820	5%	1/10W	
R842	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R843	1-216-038-00	METAL CHIP	360	5%	1/10W	

PANEL

INCLUDING JACK, PIN JACK, POWER, POWER SW, TRANSFORMER

Ref. No.	Part No.	Description			Remark
R844	1-216-041-00	METAL CHIP	470	5%	1/10W
R845	1-216-044-00	METAL CHIP	620	5%	1/10W
R846	1-216-038-00	METAL CHIP	360	5%	1/10W
R847	1-216-041-00	METAL CHIP	470	5%	1/10W
R848	1-216-044-00	METAL CHIP	620	5%	1/10W
R849	1-216-044-00	METAL CHIP	620	5%	1/10W
R850	1-216-044-00	METAL CHIP	620	5%	1/10W
R851	1-249-409-11	CARBON	220	5%	1/4W
R852	1-216-089-00	METAL CHIP	47K	5%	1/10W(RX370)
R853	1-249-408-11	CARBON	180	5%	1/4W
R854	1-216-031-00	METAL CHIP	180	5%	1/10W
R855	1-216-029-00	METAL CHIP	150	5%	1/10W
R856	1-216-031-00	METAL CHIP	180	5%	1/10W
R857	1-216-081-00	METAL CHIP	22K	5%	1/10W
R858	1-216-041-00	METAL CHIP	470	5%	1/10W
R859	1-216-073-00	METAL CHIP	10K	5%	1/10W
R860	1-216-073-00	METAL CHIP	10K	5%	1/10W
		< VARIABLE RESISTOR >			
RV101	1-238-600-11	RES, ADJ, CARBON 10K			
RV201	1-238-600-11	RES, ADJ, CARBON 10K			
RV501	1-241-523-11	RES, VAR, CARBON 50K/50K (BALANCE)			
RV502	1-241-524-11	RES, VAR, CARBON 50K/50K (REC LEVEL)			
RV503	1-241-525-11	RES, VAR, CARBON 20K (BIAS)			
		< SWITCH >			
S501	1-572-268-11	SWITCH, SLIDE (DOLBY NR)			
S701	⚠ 1-554-118-00	SWITCH, PUSH (1 KEY) (POWER)			
S801	1-554-303-21	SWITCH, TACTILE (STOP)			
S802	1-554-303-21	SWITCH, TACTILE (PAUSE)			
S803	1-554-303-21	SWITCH, TACTILE (FWD) (RX370)			
S804	1-554-303-21	SWITCH, TACTILE (REV) (RX370)			
S805	1-554-303-21	SWITCH, TACTILE (REC MUTE)			
S806	1-554-303-21	SWITCH, TACTILE (FF)			
S807	1-554-303-21	SWITCH, TACTILE (REW)			
S808	1-554-303-21	SWITCH, TACTILE (REC)			
S809	1-571-520-11	SWITCH, SLIDE (DIRECTION) (RX370)			
S810	1-554-303-21	SWITCH, TACTILE (FWD) (K370)			
		< CERAMIC >			
X801	1-577-358-21	VIBRATOR, CERAMIC (4MHz)			
**********					
*	1-634-841-11	SW BOARD			
		********			
	3-343-419-01	HOLDER (S SENSER A)			

SW

Ref. No.	Part No.	Description			Remark
		< CONNECTOR >			
CNP81	* 1-568-852-11	SOCKET, CONNECTOR 9P			
		< IC >			
IC81	8-719-710-03	PHOTO INTORRUPTOR NJL5165K-B			
		< RESISTOR >			
R81	1-249-414-11	CARBON	560	5%	1/4W
R82	1-247-818-11	CARBON	300	5%	1/4W(RX370)
R83	1-247-834-11	CARBON	1.3K	5%	1/4W
R84	1-249-417-11	CARBON	1K	5%	1/4W
R85	1-249-408-11	CARBON	180	5%	1/4W
		< SWITCH >			
S81	1-571-958-11	SWITCH, PUSH (1 KEY) (STOP)			
S82	1-571-281-21	SWITCH, LEAF (70EQ)			
S83	1-571-281-21	SWITCH, LEAF (METAL)			
S84	1-571-281-21	SWITCH, LEAF (REC A)			
S85	1-571-281-21	SWITCH, LEAF (REC B) (RX370)			
S86	1-571-281-21	SWITCH, LEAF (HALF)			
**********					
		MISCELLANEOUS			
		**********			
9	⚠ 1-551-506-XX	CORD, POWER (RX370:US, Canadian)			
9	⚠ 1-555-795-00	CORD, POWER, EULO PLUG (K370:AEP, G/RX370:AEP)			
9	⚠ 1-556-035-00	CORD, POWER (K370:UK)			
57	1-548-596-71	COUNTER, TAPE (MIDDLE TYPE)			
59	1-575-782-11	WIRE, FLAT TYPE (9 CORE)			
60	1-690-046-11	WIRE, FLAT TYPE (11 CORE)			
61	1-690-045-11	WIRE, FLAT TYPE (9 CORE)			
62	1-690-047-11	WIRE, FLAT TYPE (7 CORE)			
63	1-590-963-11	WIRE, SHIELD, FLAT TYPE			
103	1-638-983-11	PC BOARD, MOTOR FLEXIBLE			
F701	⚠ 1-532-285-00	FUSE, TIME-LAG (T1.25A) (RX370:AEP/K370)			
F701	⚠ 1-532-741-11	FUSE, GLASS TUBE (1.6A) (RX370:US, Canadian)			
F702	⚠ 1-532-285-00	FUSE, TIME-LAG (T1.25A) (RX370:AEP/K370)			
F702	⚠ 1-532-741-11	FUSE, GLASS TUBE (1.6A) (RX370:US, Canadian)			
HE101	1-543-535-11	HEAD, MAGNETIC (ERASE) (K370)			
HE102	A-2003-838-A	BASE ASSY, HEAD (RX370)			
HRP101	1-543-537-11	HEAD, MAGNETIC (REC/PB) (K370)			
HRP102	A-2003-838-A	BASE ASSY, HEAD (RX370)			
M1	X-3359-417-1	MOTOR (CAPSTAN) ASSY			
M2	A-2003-474-A	MOTOR (REEL) ASSY			
T901	⚠ 1-450-505-11	TRANSFORMER, POWER (RX370:US, Canadian)			
T901	⚠ 1-450-507-11	TRANSFORMER, POWER (RX370:AEP/K370)			

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifé.

Ref. No.	Part No.	Description	Remark
		ACCESSORY & PACKING MATERIAL	
		**********	
	1-559-533-11	CORD, CONNECTION	
*	3-350-830-01	CUSHION	
*	3-366-700-81	INDIVIDUAL CARTON (K370)	
*	3-366-700-91	INDIVIDUAL CARTON (RX370)	
	3-703-450-01	INSTRUCTION (RX370:US)	
*	3-704-343-01	SHEET (STANDARD), PROTECTION	
	3-753-518-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (RX370:Canadian, AEP)	
	3-753-518-21	MANUAL, INSTRUCTION (ENGLISH) (RX370:US)	
	3-753-518-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (RX370:AEP)	
	3-753-519-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, CHINESE) (K370:AEP, UK, AUS)	
	3-753-519-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (K370:AEP)	
	3-753-519-51	MANUAL, INSTRUCTION (GERMAN) (K370:G)	

****

HARDWARE LIST

****

# 1	7-682-548-04	SCREW +BVTT 3X8 (S)	
# 2	7-682-548-09	SCREW +BVTT 3X8 (S)	
# 3	7-621-849-00	SCREW (BV/RING)	
# 4	7-621-773-95	SCREW +BVTT 2.6X6 (S)	
# 7	7-627-556-08	SCREW +P 2.6X2.8	
# 8	7-621-775-00	SCREW +B 2.6X3	
# 9	7-621-772-58	SCREW (+B2X10) (K370)	

Sony Corporation
Audio Group

9-956-475-11

English
91E1891-1
Printed in Japan
©1991.5
Published by Customer Relations and Service Group